"Indiana's First Recognized 99/4A User's Group"

MIAMI COUNTY AREA 99/4A HOME COMPUTER USER'S GROUP

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MYARC OFFERS EXPANSION SYSTEM

Myarc Inc. of Basking Ridge, New Jersey, is now producing an expansion system for the TI home computer that provides purchasers with the capability of utilizing the double-density feature of the TI Disk Manager II cartridge.

Myarc, which also produces a Winchester hard disk for the TI 99/4A, is the second company in recent weeks to announce an expansion system for the TI. Cor-Comp began marketing its expansion system in April. Other companies have also indicated plans to produce expansion systems for the TI home computer.

Lou Phillips of Myarc says the system his company is marketing comes with 32 kilobytes of random access memory, an RS 232 interface with one parallel and one serial ports, a disk drive controller capable of handling two double-density, double-sided disk drives and a single-sided, double-density disk drive.

The system is priced at $595. For an additional $50, the company will replace the single-sided drive with a double-sided, double-density drive.

Phillips says the system is completely compatible with all TI software. Each system is supplied with one of TI's Disk Manager II cartridges. The DMII includes a feature for formating double-density disks that is activated with the controller that comes with the Myarc system.

Myarc calls its system the MPES-50 (Mini-Peripheral Expansion System). The unit plugs into the side of the TI 99/4A and is black and silver in color. The unit measures about 7 1/2 inches high, 6 1/2 inches wide and 12 inches

deep. The system comes with a 90 day warranty against faulty workmanship and materials.

There is also a version of the system available without a disk drive. Included are an RS 232 interface with serial and parallel ports and the 32K memory expansion. It is priced at $299. It can be upgraded with a disk controller and disk drive, the company says. The system also comes with an option for a date and time clock. The price was not available at presstime.

Noting that the system is completely compatible with TI hardware and software, Myarc spokesman Lou Phillips says the manuals that come with the systems "are about 75 percent TI manuals".

Myarc also markets a Winchester disk drive for the TI in 5, 10, & 15 megabyte models.

Phillips says the company is planning to market several other products for the TI99/4A "in the near future".

For more information write: Myarc Inc., P.O. Box 140, Basking Ridge, NJ 07920 or call (201) 766-1700.

TI-SELECTS SOFTWARE VENDOR

Texas Instruments mailed to the User's Groups a letter stating that, effective April 2, 1984 TI will no longer sell products for the TI/994a Home Computer. TI had previously announced they were committed to providing product sales support until other arrangments could be made. The letter stated "that arrangements have now been concluded to provide availability for all existing software through another organization". A firm, not associated with TI. was selected to continue the marketing of its software products. The organization to contact for further information is:

TRITON
P.O. Box 8123
SAN FRANCISCO, CA 94128
U.S. - (800) 227-6900
CA. - (800) 632-4777

The letter stated TRITON was a "well established direct-response and mail order firm". Also repeated was the fact that TI peripherals and accessories were no longer in production and quantities are limited.

It was restated that "although TI is not formally coordinating the Users Groups any longer we do assist new groups and maintain and make available an up-to-date group list" The letter was signed by Carl Gundlach, Manager, Consumer Services. Mr Gundlach may be contacted at the address listed below. If you wish to contact Mr. Gundlach or obtain a copy of the Users Group list, please write to this address:

TEXAS INSTRUMENTS INC.
P.O. BOX 53
LUBBOCK, TEXAS 79408

NAVARONE INDUSTRIES has a unique new service available. Their RENT & PLAY club allows you to rent a game cartridge for $9.95. You are allowed to keep the cartridge as long as you wish until a different game is desired. There is a lifetime membership fee of $25.00 to join the "GAME OF THE MONTH" club. For further details, contact the firm at:

NAVARONE INDUSTRIES
510 LAWRENCE EXPRESSWAY, #800
SUNNYVALE, CA 94086
(408) 866-8579

PRESIDENT'S CORNER #3

Have you ever looked at the people who are present at our meetings (you do attend meetings don't you)? If you haven't, take the time to do so. One thing that you will be sure to notice is how different each person is. Some are professional people, some are students, some are very young while some are not. You will also be sure to notice differences in education levels, abilities, levels of interest etc.

Why is this you may ask? After all we are a group of people from a small area who joined together because of an interest in a single product.. With this in mind one would expect a group of clones (not clowns). Perhaps, we should look at the nature of our computers to help us see what brings about all this diversity.

The 99/4A is a truly diverse machine, and because of this we find ourselves owning quite a bargain (especially considering the price some of us paid). This little computer can teach us computer languages so we can be more competitive in our places of employment, it can help us make intelligent financial decisions, it can drill our children on their school work and later entertain them with a game or two. Add a printer and some word processing software and you have the start of your own publishing company. Add to all this TI's impressive and easy to use (compared to others) graphics package plus an excellent sound generator and you have something for everyone.

When you look at it this why, it explains how our group can include so many different types of people, doesn't it? Which brings up another point. When you have several different types of people available in one group, you find that the group has many types of talent available to it. That could be material for another President's Corner couldn't it?

That's enough for this month, see you next meeting!

DAVE

CONSTITUTIONAL AMMENDMENT

During our May 23, 1984 meeting an amendment to our constitution was purposed. This amendment would change Article 7, Paragraph d. to read as follows:

"Group meetings shall be held on the second Tuesday of each month unless rescheduled by the two/thirds majority vote of those members present at the preceding meeting with notification of all members."

This would eliminate the requirement of a meeting on the fourth Wednesday. We will vote on this at the next meeting coming at least two weeks after this notification (July 25th). If you can not attend, please send your vote by proxy.

NAME_____

___ Yes, I would like to limit our regularly scheduled meetings to the 2nd Tuesday of each month.

___ No, I would like to see the 2nd Tuesday, 4th Wednesday meeting schedule remain in effect.

MAIL CALL

I'd like to take a moment to remind you of a service that your user's group offers you that you may have forgotten about. The Miami Co. Area 99/4a Home Computer User's Group acts as a clearing house for all kinds of mail. This mail deals with your 99/4a Home Computer as well as home computing in general.

Every month our P.O. Box is flooded with correspondence from User Groups all over the United States. These newsletters contain information on what your fellow TI owners are doing with their systems along with programming hints and general news on the state of the home computer.

You've paid your dues and you deserve to get your money's worth, don't cheat yourself by missing out on this valuable group resource. Next time you're at a meeting ask our secretary to show you our latest mail. You'll be surprised.

A GREAT SORT'A PROGRAM

Thanks to Dave Renkenberger our favorite group president, for his demonstration at our May 23rd meeting.

At this meeting Dave demonstrated a Bubble Sort. the following program is a bubble sort routing.

```
100 REM TI EXTENDED BASIC BUBBLE SORE. ABOUT 37 SECONDS FOR 50 INTEGERS.
ABOUT 2:54 FOR 100 INTEGERS.
110 DIM A(50) 120 FOR I=1 TO 50 :: RANDOMIZE :: A(I)=INT(RND0+1):: PRINT
A(I);:: NEXT I :: PRINT : :
200 LIM=49
210 SW=0 :: FOR I=1 TO LIM :: IF A(I)<=A(I+1)THEN 230
220 AA=A(I):: A(I)=A(I+1)THEN 230
230 NEXT I
240 IF SW=1 THEN 210
500 FOR I=1 TO 50 :: PRINT A(I);:: NEXT I
510 END
```

Step by step, Dave led us through this example, being sure that everyone understood every step of the way. I personally found it very educational and interesting.

For those unfortunate enough to have missed this lesson in sorting I would suggest going through it line by line on your own. By a series of comparisions and switches, the smaller values in the A array will "bubble up to the top." Take your time and look through it, then run the program, you'll be impressed.

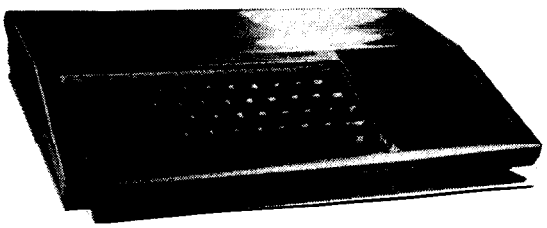
Note: For an even more interesting demonstration edit the program so that it will print out the contents of array A everytime it loops through line 210.

TIPS FROM THE TIGERCUB #10

Do you want that "ARCADE EFFECT" in your musical tones or single-note music? Instead of CALL SOUND(D,N,V), write CALL SOUND(D,N,V,N*1.01,V).

```
10 REM
20 REM BUG DEBUGGER
30 REM
40 CALL CLEAR
50 X=25000
60 Y=30123
70 Z=36570
80 FOR LOOP=0 TO 144000
90 CALL SOUND (-700,X,0,Y,0,Z,0)
100 X=INT(X*1.0075)
110 Y=INT(Y*1.0075)
120 Z=INT(Z*1.0075)
130 IF X>44733 THEN 170
140 IF Y>44733 THEN 190
150 IF Z>44733 THEN 210
160 GOTO 220
170 X=25000
180 GOTO 220
190 Y=25000
200 GOTO 220
210 Z=25000
220 PRINT X;Y;Z
230 NEXT LOOP
240 REM WILL RUN FOR 25 HOURS
```

If you change line 240 to read GOTO 50 the program will run unitl you stop it.



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